

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008565**Date Inspected:** 11-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Yuan Hui gang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG&Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Utekar Shrikant was present during the times noted above for observations relative to the work being performed.

OBG ASSEMBLY YARD**Ultrasonic Inspection**

This Q.A Inspector performed Ultrasonic testing of approximately 10% of the area previously tested and accepted by ZPMC Quality control personnel. This QA Inspector generated a (U.T) report for this date. The members are identified as the Deck Panel and Corner Assembly. The welds Designation are as follows.

CA007-006; CA011-002; DP033-001-24; DP-035-001-23

This QA Inspector randomly observed the following work in progress

BAY#10

SMAW welding process of weld joint 7B located on PCMK SSD1-FASA4-1A/E. Welder is identified as 040582 ZPMC QC is identified as Yuan Hui gang. The welding variables recorded by QC appeared to comply with the WPS-B-T-4211-B-U3B-2

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SAW welding process of weld joint 5B located on PCMK SSD1-FASA4-1A/E. Welder is identified as 207746 ZPMC QC is identified as Yuan Hui gang. The welding variables recorded by QC appeared to comply with the WPS-B-T-2221-B-U3C-S-2

FCAW welding process of weld joint 3A located on PCMK NSD1-FASA4-1A/E. Welder is identified as 040261 ZPMC QC is identified as Lu Wei chao. The welding variables recorded by QC appeared to comply with the WPS-345-FCAW-1G-Repair

Unless otherwise noted, all work observed on this dated appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversation

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang + (86) 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Utekar,Shrikant	Quality Assurance Inspector
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Reviewed By:	Clifford,William	QA Reviewer
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